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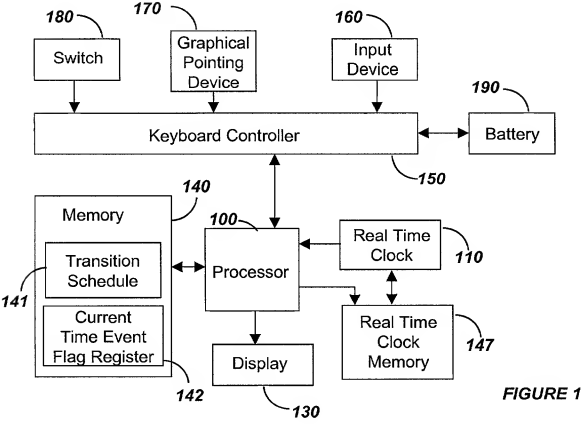


FIGURE 1

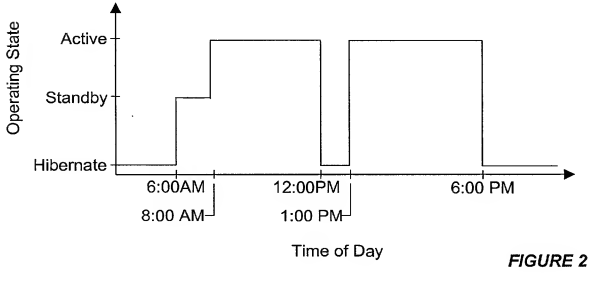
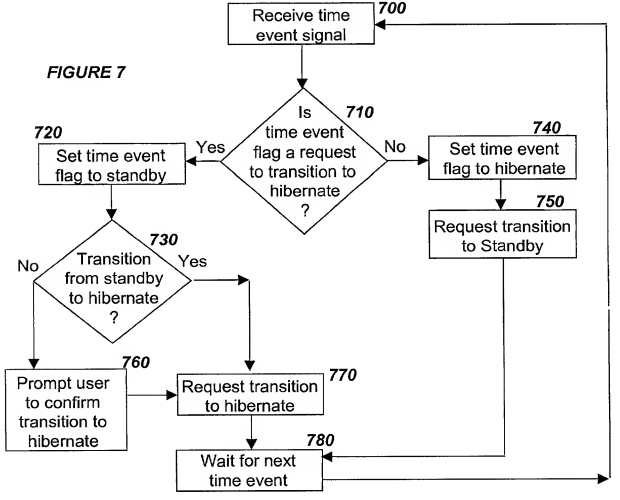


FIGURE 2

Transition Schedule					
Event	Standby	Active	Hibernate	Active	Hibernate
Time	6:00 AM	8:00 AM	12:00 PM	1:00 PM	6:00 PM

FIGURE 3

FIGURE 7



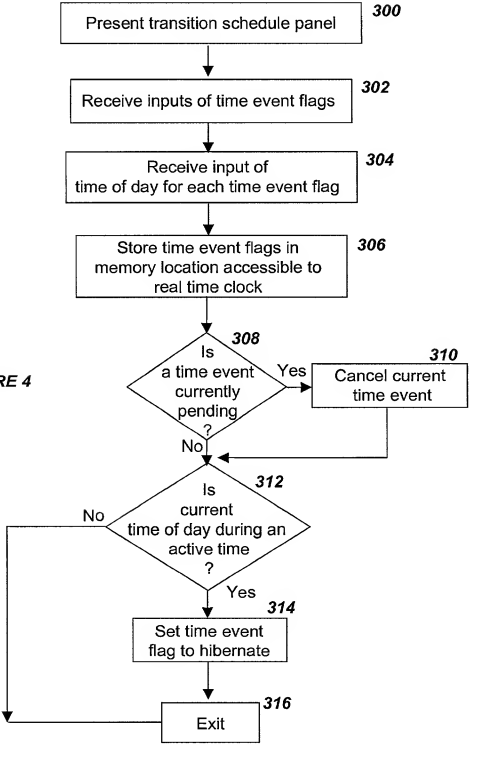


FIGURE 4

20040184807

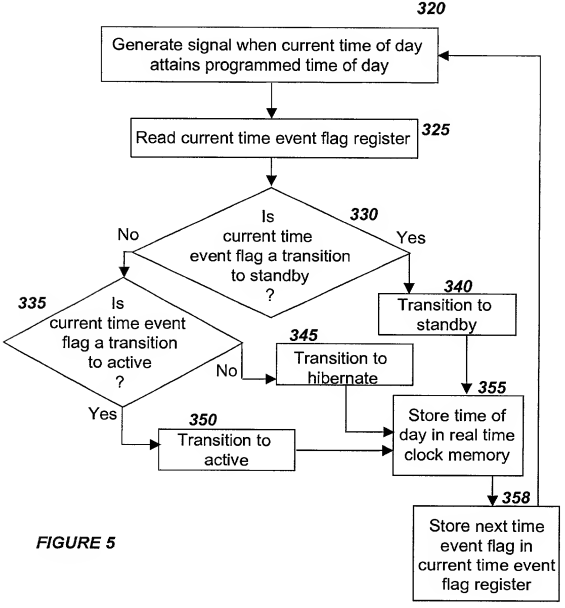

320
Generate signal when current time of day attains programmed time of day
Read current time event flag register
325
Is current time event flag a transition to standby ?
330
No
Yes
335
Is current time event flag a transition to active ?
No
Yes
340
Transition to standby
345
Transition to hibernate
350
Transition to active
355
Store time of day in real time clock memory
358
Store next time event flag in current time event flag register

FIGURE 5

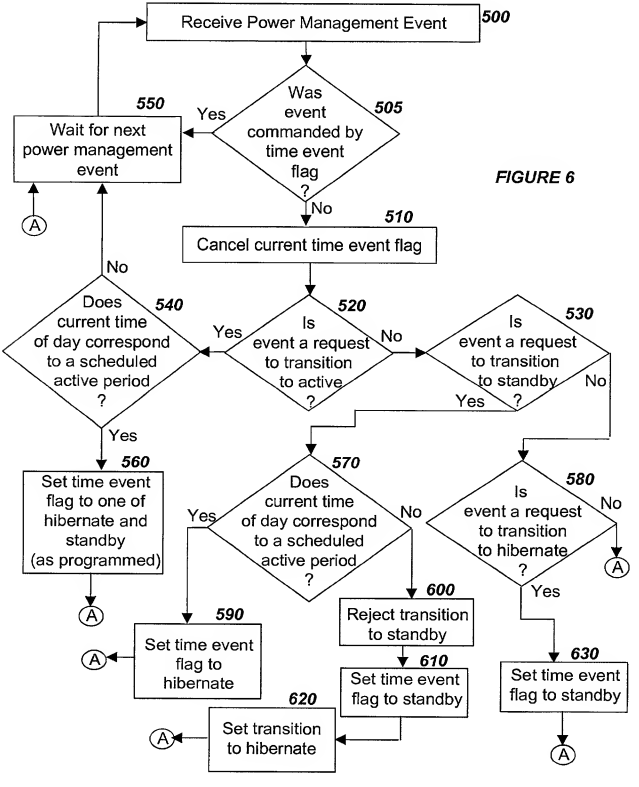

Receive Power Management Event
500
Was event commanded by time event flag ?
505
Yes
No
Wait for next power management event
550
A
Cancel current time event flag
510
Is event a request to transition to active ?
520
Yes
No
Is event a request to transition to standby ?
530
Yes
No
Does current time of day correspond to a scheduled active period ?
540
Yes
No
Set time event flag to one of hibernate and standby (as programmed)
560
Does current time of day correspond to a scheduled active period ?
570
Yes
No
Is event a request to transition to hibernate ?
580
Yes
No
Set time event flag to hibernate
590
Reject transition to standby
600
Set time event flag to standby
610
Set transition to hibernate
620
Set time event flag to standby
630

FIGURE 6